RUHAT BANGALORE MAHANAGARA PALIK

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Improvements and maintenance of Foothpath in ward No. 08 Jakkru, Byatarayanapura Sub Division

Est Cost : **30.00 Lakhs**

P Code : **P-3726**

ಅಂದಾಜು ಪಟ್ಟಿಯ ವರದಿ

ವಿಷಯ: ವಾರ್ಡ್ ನಂ. 08(ಜಕ್ಕೂರು) ವ್ಯಾಪ್ತಿಯ Improvements and maintenance of Foothpath in ward No. 08 Jakkru, Byatarayanapura Sub Division ಕಾಮಗಾರಿಗೆ ಅನುಮೋದನೆ ನೀಡುವ ಕುರಿತು.

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ವಾರ್ಡ್ ನಂ. 08(ಜಕ್ಕೂರು) ವ್ಯಾಪ್ತಿಯ Improvements and maintenance of Foothpath in ward No. 08, Kogilu Jakkru, Byatarayanapura Sub Divisionಕಾಮಗಾರಿಗೆ ರೂ. 30.00 ಲಕ್ಷಗಳ ಅಂದಾಜು ಮೊತ್ತದಲ್ಲಿ 2022-23 ನೇ ಸಾಲಿನ ಆಯವ್ಯಯದ ಲೆಕ್ಕಶಿರ್ಷಿಕೆ ಪಿ-3726ರ ಕಾಮಗಾರಿ ಕ್ರಿಯ ಯೋಜನಾ ಪಟ್ಟಿಯಲ್ಲಿ ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಲು ಅವಕಾಶ ಕಲ್ಪಿಸಲಾಗಿದ್ದು, ದಿನಾಂಕ: 06.08.2022 ರಂದು ನಡೆದ ವಾರ್ಡ್ ಮಟ್ಟದ ಸಾರ್ವಜನಿಕ ಲೋಕೋಪಯೋಗಿ, ನಗರ ಯೋಜನೆ ಮೂಲ ಸೌಕರ್ಯ ಸ್ಥಾಯಿ ಸಮಿತಿ ಸಭೆಯ ನಡವಳಿ ವಿಷಯದ ಸಂಖ್ಯೆ. 178/2022-2 ರಲ್ಲಿ ಮಾನ್ಯ ಆಡಳಿತಗಾರರು ಅನುಮೋದಿಸಿರುತ್ತಾರೆ.

ಅದರಂತೆ ವಾರ್ಡ್ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಬರುವ ಜಕ್ಕೂರು ಸರ್ಕಾರಿ ಶಾಲೆ ರಸ್ತೆಯಲ್ಲಿ ಸಮರ್ಪಕವಾಗದ ಚರಂಡಿ ಇಲ್ಲದೇ ಇರುವುದರಿಂದ ಹೊಸದಾಗಿ ಆರ್.ಸಿ.ಸಿ ಚರಂಡಿ ನಿರ್ಮಾಣ ಮಾಡುವ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳಲು ಸ್ಥಳ ಪರಿಶೀಲನೆ ಮಾಡಿ, ಅಗತ್ಯ ಅಂಶಗಳನ್ನು ಅಳವಡಿಸಿಕೊಂಡು ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ಈ ಕೆಳಕಂಡ ಐಟಂಗಳನ್ನು ಅಳವಡಿಸಿ ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ.

1. ಹಳೇಯ ಪಾದಚಾರಿ ಸ್ಲಾಭ್‌ಗಳನ್ನು ರಿಮೂಯಿಂಗ್ & ರಿಸೆಂಟಿಂಗ್ ಮಾಡುವುದು
2. ಆರ್.ಸಿ.ಸಿ ಚರಂಡಿ ನಿರ್ಮಾಣ ಮಾಡುವುದು
3. ಪ್ರೀಕ್ಯಾಸ್ಟ್ ಕವರಿಂಗ್ ಸ್ಲಾಭ್‌ಗಳನ್ನು ಅಳವಡಿಸುವುದು
4. ಕಬ್ ಸ್ಟೋನ್‌ಗಳನ್ನು ಅಳವಡಿಸುವುದು.
5. ಚರಂಡಿ ನಿರ್ಮಿಸಲು ಅಗೆತ ಮಾಡಿರುವ ಮಣ್ಣನ್ನು ಹೊರಸಾಗಿಸುವುದು ಹಾಗೂ ಇತರೆ ಅವಶ್ಯಕ ಅಂಶಗಳಿಗೆ ಅಂದಾಜಿನಲ್ಲಿ ಅವಕಾಶ ಕಲ್ಪಿಸಿಕೊಂಡಿರುತ್ತದೆ.

ಮೇಲ್ಕಂಡ ಅಂಶಗಳನ್ನು ಅಳವಡಿಸಿ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು PWD SR- 2021-22 ದರಪಟ್ಟಿ ದರಗಳನ್ನು ಅಳವಡಿಸಿ ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ 2022-23ನೇ ಸಾಲಿನ ಅನುದಾನದ ಲೆಕ್ಕ ಶಿರ್ಷಿಕೆ ಪಿ-3726ರ ಅಡಿಯಲ್ಲಿ ಅನುಮೋದಿಸಿ, ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ, ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿ ಕಾಮಗಾರಿಯನ್ನು ತುರ್ತಾಗಿ ಕೈಗೊಳ್ಳಬೇಕಾಗಿರುವುದರಿಂದ ಟೆಂಡರ್ ಕರೆದು ಗುತ್ತಿಗೆದಾರರನ್ನು ನೇಮಿಸಿ ಕಾರ್ಯದೇಶ ನೀಡಲು ಈ ಮೂಲಕ ತಮ್ಮಲಿ ಕೋರಲಾಗಿದೆ.

ಸಹಾಯಕ ಅಭಿಯಂತರರು

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements and Maintenance of Footpath in ward No.08. Jakkuru, Byatarayanapura Sub Division

								Estimation Cost.Rs	3000000.00
Sl No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
1	**Removing and resetting of footpath slab (Data Rate)**								
	Precast Cover Slab	Sqm							
	Jakkuru								
	Govt School Road	Sqm	1	350.00	1.20		420.00		
	Govt School Beside	Sqm	1	115.00	1.20		138.00		
						Total	558.00		
	Deduct 50% for Missing/Damaged						279.00		
	Consider 50% Qnty for Removing & Refixing						279.00		
	Data Rate	235.00							
	Total						**279.00**	**235.00**	**65565.00**
2	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. (PWD SR 2021-22 Vol -I Pg No 5 item no 1.4.1)								
	For Drain								
	Govt School Road	Cum	1	76.00	1.10	0.90	75.24		
	Cross Road	Cum	1	90.00	1.10	0.90	89.10		
	For Desilt								
	Jakkuru								
	Govt School Road	Cum	1	350.00	0.60	0.50	105.00		
	Govt School Beside	Cum	1	115.00	0.60	0.50	34.50		
	Basic rate	186.00							
	Area weightage 10%	18.60							
	Sub Total	**204.60**							
	Total						**303.84**	**204.60**	**62166.00**
3	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (PWD SR 2021-22 Vol -I Pg 15 item no 2.1.3)								
	For Drain	**Cum**							
	Govt School Road	Cum	1	76.00	1.10	0.15	12.54		
	Cross Road	Cum	1	90.00	1.10	0.15	14.85		
	Basic rate	5554.00							
	Area weightage 10%	555.40							
	Sub Total	**6109.40**							
	Total						**27.39**	**6109.40**	**167337.00**
4	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately) (PWD SR 2021-22 Vol -I Pg 17 item no 2.4.2)								
	Bottom Raft	Cum							
	Govt School Road	Cum	1	76.00	0.90	0.15	10.26		

Sl No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
	Cross Road	Cum	1	90.00	0.90	0.15	12.15		
	Side Wall								
	Govt School Road	Cum	2	76.00	0.15	0.60	13.68		
	Cross Road	Cum	2	90.00	0.15	0.60	16.20		
					Sub Total		**52.29**		
	Basic rate	5968.00							
	Add 5% for Shuttering	298.40							
		6266.40							
	Area weightage 10%	626.64							
	Sub Total	**6893.04**							
	Total						**52.29**	**6893.04**	**360438.00**
5	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200 (PWD SR 2021-22 Vol -III Pg 99 item no 13.1)								
	For Drain	Cum					52.29		
		kg	Steel assumed 60Kg/Cum of Concrete				3137.40		
		tonne					**3.14**		
	Basic rate	92170.00							
	Area weightage 10%	9217.00							
	Sub Total	**101387.00**							
	Total						**3.14**	**101387.00**	**318092.00**
6	Providing and Fixing pre cast covering Slab 100mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc. complete as per Engineer incharge. (Data Rate)								
	Provide 50% Slab for Missing/Damaged	From item no.01					**279.00**		
	Govt School Road	Sqm	1	76.00	0.90		68.40		
	Cross Road	Sqm	1	90.00	0.90		81.00		
	Data rate	**2072.00**							
	Total						**428.40**	**2072.00**	**887645.00**
7	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paidseparately) Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates (PWD SR 21-22 Vol I Pg no 17 Item No 2.4.1)								
	Jakkuru	Cum							
	Govt School Road	Cum	1	350.00	0.20	0.10	7.00		
	Govt School Beside	Cum	1	115.00	0.20	0.10	2.30		
	Basic rate	5880.00							
	Area weightage 10%	588.00							
	Sub Total	**6468.00**							
	Total						**9.30**	**6468.00**	**60153.00**
8	Providing and fixing pre cast solid cement concrete Kerb Stones made out of M20 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading, unloading, lead and lift transportion etc., complete as directed by the Engineer in charge of the work(from finish concrete and no painting to be done)(Data Rate)								
	Jakkuru								
	Govt School Road	m	1	350.00			350.00		

Sl No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
	Govt School Beside	m	1	115.00			115.00		
						Sub Total	465.00		
	Number Of kerb	no		Total Length/0.45			1034.00		
	Data rate	507.00							
	Total						1034.00	507.00	524238.00
9	Painting Two Coats on New Concrete Surfaces Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concretesurfaces. MORTH Chapter 803 (PWD SR 2021-22 Vol III Pg no 56 Item No 8.10)								
	Jakkuru	Sqm							
	Govt School Road	Sqm	1	350.00		0.35	122.50		
	Govt School Beside	Sqm	1	115.00		0.35	40.25		
	Basic rate	85.00							
	Area weightage 10%	8.50							
	Sub Total	93.50							
	Total						162.75	93.50	15218.00
10	**Loading and Unloading of Stone Boulder**/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (PWD SR 2021-22 Vol-III Page No.3, Item No.1.1A)								
	Qty Vide frm Item No-02	Cum					303.84		
	Basic rate	118.00							
	Area Weightage 10%	11.80							
	Total	129.80							
	Total						303.84	129.80	39439.00
11	**Cost of Haulage** Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (PWD SR 2021-22 Vol-III Page No.3, Item No.1.4A)								
	Qty frm Item No-10	t.Km		303.84	1.28		388.92		
	Basic rate	12.00							
	8Km 12*8	96.00							
	Area Weightage 10%	9.60							
	Total	105.60							
	Total						388.92	105.60	41070.00
								Grand Total	2541361.00
								GST Charges (18% of estimated cost)	457445.00
								Miscellenious and rounding	1194.00
								Total Amount	3000000.00
								RUPEES THIRTY LAKH ONLY	

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019, PWD 2021-2022, Issue rates and Data Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

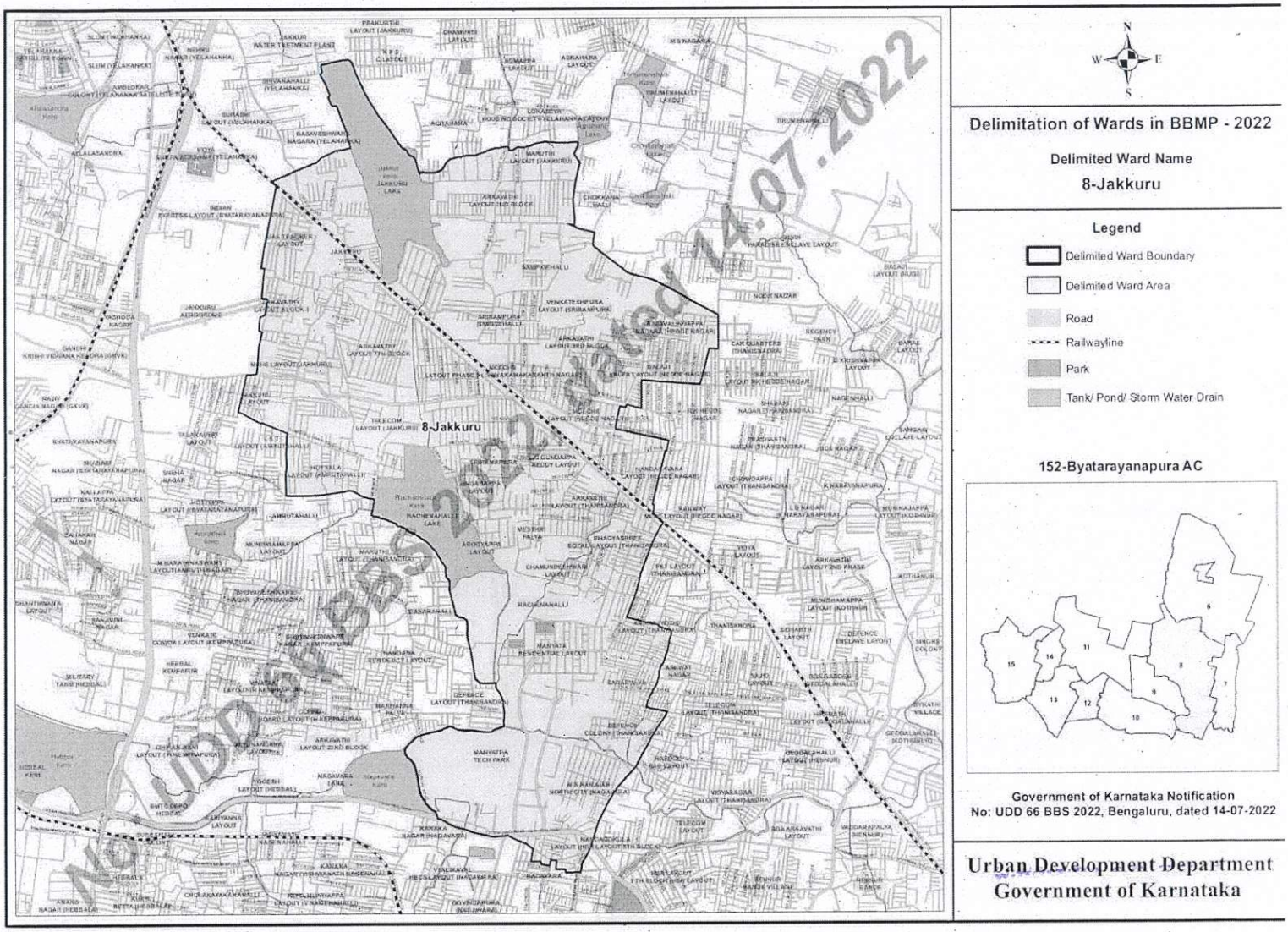
Executive Engineer
BBMP

Administrative Approval
Accorded For Rs.30.00Lakhs
Head of A/C...P3726
CER NO :..145..... Dt:...

Technical
Accorded For Rs.30.00Lakhs
Head of A/C...P3726
CER NO :..145..... Dt:16/9/22

TA

CE (NK)



ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26